

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/326,050, filed on September 28, 2001.

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "A HIGH DOPANT CONCENTRATION DIFFUSED RESISTOR AND METHOD OF MANUFACTURE THEREFOR," the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose to all information known to me which is material to the patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

<u>NUMBER</u>	<u>COUNTRY</u>	<u>DATE FILED</u>	<u>PRIORITY CLAIMED</u>
	None		

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

<u>US/PCT Serial Num</u>	<u>Date Filed</u>	<u>Status</u>
None		

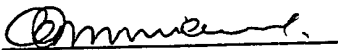
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:


Lester H. Birnbaum	(Reg. No. 25,830)
Richard J. Botos	(Reg. No. 32,016)
Gerard A. deBlasi	(Reg. No. 34,149)
Anthony Grillo	(Reg. No. 36,535)
Mark A. Kurisko	(Reg. No. 38,944)
Robert P. Marley	(Reg. No. 32,914)
Scott W. McLellan	(Reg. No. 30,776)
Geraldine Monteleone	(Reg. No. 40,097)
Scott J. Rittman	(Reg. No. 39,010)
Ferdinand M. Romano	(Reg. No. 32,752)
David L. Smith	(Reg. No. 30,592)
John P. Veschi	(Reg. No. 39,058)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor: Kadaba R. Lakshmikumar

Inventor's signature:  Date: Oct. 12, 02

Residence: City of Basking Ridge
County of Somerset
State of New Jersey

Citizenship: ~~India~~ U.S.A. 

Post Office Address: 30 Landau Road
Basking Ridge, New Jersey 07920

ATTACHMENT A

Attorney Name(s):

David H. Hitt	Registration No. 33,182
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Telephone calls should be made to Greg H. Parker of HITT GAINES & BOISBRUN, P.C.
at:

Phone No.: (972) 480-8800
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Richardson, Texas 75083

Atty. Docket No.: LAKSHMIKUMAR 21



UNITED STATES
PATENT AND
TRADEMARK OFFICE

MAR 17 2003

MARCH 12, 2003

PTAS

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov

GREG H. PARKER
HITT GAINES & BOISBRUN, P.C.
P.O. BOX 832570
RICHARDSON, TEXAS 75083



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/29/2002

REEL/FRAME: 013470/0721
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LAKSHMIKUMAR, KADABA R.

DOC DATE: 10/12/2002

ASSIGNEE:

AGERE SYSTEMS INC.
555 UNION BOULEVARD
ALLENTOWN, PENNSYLVANIA 18109

SERIAL NUMBER: 10256466
PATENT NUMBER:

FILING DATE: 09/27/2002
ISSUE DATE:

THERESA FREDERICK, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

11-13-2002

For FPO-1595
(Rev. 10/02)

RE

102278757
PATENTS ONLYU.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark OfficeOMB No. 0651-0027 (exp. 6/30/2005)
LAKSHMIKUMAR 21

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

1 Kadaba R. Lakshmikumar

2

3

4

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Execution Date(s): 1 10/12/2002

2

3

4

2. Name and address of receiving party(ies)

Name: Agere Systems Inc.

Street Address: 555 Union Boulevard

City: Allentown State: Pennsylvania Zip: 18109

Name: _____

State Address: _____

City: _____ State: _____ Zip: _____

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

10/256,466

B. Patent No.(s)

(1/08/2002) MBELETE1 00000011 10256466

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Greg H. Parker

Company: Hitt Gaines & Boisbrun, P.C.

Address: P.O. Box 832570

City: Richardson

State: Texas

Zip Code: 75083

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Greg H. Parker

Name of Person Signing

Signature

10/29/2002

Date

Total number of pages including cover sheet, attachments, and documents:

3

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

NOV 04 2002

INT. & TRADE OFFICE

40-00 OP

02 FC-8020

Adjustment date: 11/06/2002 MBELETE1 00000011 10256466
11/06/2002 MBELETE1 00000011 10256466
02 FC-8020

ASSIGNMENT

For value received, I, Kadaba R. Lakshmikummar, of Basking Ridge in the County of Somerset and the State of New Jersey, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to "A HIGH DOPANT CONCENTRATION DIFFUSED RESISTOR AND METHOD OF MANUFACTURE THEREFOR" described in an application for Letters Patent of the United States, Application No. 10/256,466, executed by me and filed on 09/27/2002, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

I authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from me, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

I request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

I agree that, when requested, I shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.



Kadaba R. Lakshmikumar

STATE OF NJ

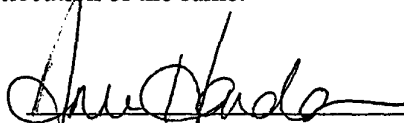
§

COUNTY OF Somerset

§

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On this 12th day of October, 2002, before me personally came Kadaba R. Lakshmikumar, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires:

ANNE HARDGROVE
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires May 20, 2007

Agere Systems Inc.
555 Union Boulevard
Allentown, Pennsylvania 18109